EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	9	US-2814540-$.DID. OR US-3747479-$.DID. OR US-4804290-$.DID. OR US-4889351-$.DID. OR US-4891133-$.DID. OR US-5113747-$.DID. OR US-5169522-$.DID. OR US-5192433-$.DID. OR US-5378361-$.DID.	US-PGPUB; USPAT	OR	OFF	2007/04/17 15:53
S3	340	92/255.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:22
S4	197	("1561854" | "1589881" | "2394687" | "2784013" | "2895773" | "2915349" | "3024913" | "3049796" | "3440864" | "3453811" | "3487938" | "3510271" | "3539505" | "3589677" | "3682315" | "3727925" | "3763879" | "3771659" | "3774920" | "3855130" | "3862038" | "3885800" | "3904527" | "3966609" | "4000070" | "4027816" | "4061031" | "4070285" | "4084718" | "4093550" | "4113627" | "4135742" | "4162977" | "4179131" | "4181853" | "4208279" | "4252331" | "4280905" | "4350595" | "4354932" | "4361482" | "4387075" | "4399032" | "4448429" | "4451364" | "4451365" | "4469597" | "4476017" | "4478715" | "4478720" | "4483773" | "4512897" | "4522715" | "4523765" | "4545904" | "4549584" | "4557830" | "4563275" | "4564450" | "4566703" | "4576386" | "4578193" | "4579041" | "4582608" | "4597866" | "4627918" | "4636315" | "4675104" | "4681327" | "4692243" | "4702482" | "4709932" | "4714259" | "4723782" | "4732672" | "4732687" | "4737284" | "4737292" | "4749201" | "4749202" | "4758340" | "4806238" | "4861473" | "4874520" | "4876005" | "4882047" | "4888112" | "4891133" | "4894152" | "Re31974").PN. OR ("3747479" | "4889351" | "4891133" | "5169522").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 23:22
S5	330687	chromatography or chromatographic	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:23
S6	379455	piston or plunger	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:23
S7	202546	scraper or lip	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:24
S8	12	S5 same S6 same S7	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:28

S9	1437321	column or tube	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:28
S10	1834374	column or tube or cylinder	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:28
S11	55	S5 same S7 same S10	US-PGPUB; USPAT	OR	OFF	2007/04/17 23:28
S12	50	(US-20060018776-$ or US-20060156918-$).did. or (US-4085490-$ or US-4599951-$ or US-4811706-$ or US-4787295-$ or US-4771758-$ or US-4629198-$ or US-4520660-$ or US-4592916-$ or US-4571004-$ or US-4564202-$ or US-4541640-$ or US-6199274-$ or US-4516481-$ or US-4470388-$ or US-4470375-$ or US-3843283-$ or US-4251081-$ or US-4401307-$ or US-4079949-$ or US-4422508-$ or US-4247121-$ or US-4375763-$ or US-4462602-$ or US-4444049-$ or US-4381236-$ or US-5911279-$).did. or (US-3905730-$ or US-4005953-$ or US-5979304-$ or US-4363223-$ or US-4308677-$ or US-4762622-$ or US-6112828-$ or US-3601419-$ or US-4145060-$ or US-4071308-$ or US-4484512-$ or US-4793062-$ or US-4556156-$ or US-3869230-$ or US-4966068-$ or US-3872009-$ or US-4257230-$ or US-4473232-$ or US-4402213-$ or US-4973066-$ or US-4468040-$ or US-5617604-$).did.	US-PGPUB; USPAT	OR	OFF	2007/04/18 06:17
S13	2501	210/198.2.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 06:23
S14	330687	chromatography or chromatographic	US-PGPUB; USPAT	OR	OFF	2007/04/18 07:03
S15	2367	S13 and S14	US-PGPUB; USPAT	OR	OFF	2007/04/18 06:23
S16	1834374	column or tube or cylinder	US-PGPUB; USPAT	OR	OFF	2007/04/18 07:03
S17	2273	S15 and S16	US-PGPUB; USPAT	OR	OFF	2007/04/18 06:24
S18	636	S17 and seal	US-PGPUB; USPAT	OR	OFF	2007/04/18 06:24
S19	1	(10/114528).APP.	USPAT; USOCR	OR	OFF	2007/04/18 06:27

| S20 | 173 | ("1808441" \| "2607954" \| "2696818" \| "2761833" \| "2793016" \| "3266554" \| "3398512" \| "3440864" \| "3463320" \| "3483986" \| "3615235" \| "3682315" \| "3692669" \| "3695450" \| "3704729" \| "3722697" \| "3732981" \| "3763879" \| "3780866" \| "3815754" \| "3853769" \| "3902849" \| "3966609" \| "3978575" \| "4093550" \| "4155846" \| "4157967" \| "4163462" \| "4211658" \| "4250035" \| "4271015" \| "4283280" \| "4286139" \| "4288325" \| "4309286" \| "4350595" \| "4361482" \| "4384957" \| "4451365" \| "4452070" \| "4457846" \| "4476017" \| "4483374" \| "4496461" \| "4510058" \| "4529007" \| "4529511" \| "4551249" \| "4554071" \| "4557830" \| "4565632" \| "4582608" \| "4587014" \| "4597866" \| "4625765" \| "4636315" \| "4636316" \| "4655917" \| "4670141" \| "4675104" \| "4675105" \| "4710289" \| "4719011" \| "4732687" \| "4737284" \| "4737292" \| "4755293" \| "4769141" \| "4787971" \| "4797209" \| "4798676" \| "4806238" \| "4861473" \| "4865728" \| "4872979" \| "4876005" \| "4882047" \| "4888112" \| "4891133" \| "4894152" \| "4903941" \| "4927531" \| "4968421" \| "4971688" \| "4997465" \| "5037544" \| "5089125" \| "5137628" \| "5141635" \| "5167809" \| "5167810" \| "5169522" \| "5171430" \| "5188730" \| "5192433" \| "5194225" \| "5213683" \| "5227059" \| "5234599" \| "5238556" \| "5324426" \| "5324427" \| "5338448" \| "5354462" \| "5360544" \| "5366621" \| "5378359" \| "5378361" \| "5395521" \| "5423982" \| "5433847" \| "5462659" \| "5462660" \| "5470479" \| "5482628" \| "5494222" \| "5531810" \| "5595653" \| "5601708" \| "5614089" \| "5670048" \| "5693223" \| "5866008" \| "5893971" \| "5951873").PN. OR ("6036855" \| "6068767" \| "6116573" \| "6139732" \| "6162362" \| "6171486" \| "6224760" \| "6294087" \| "6436284" \| "6527951" \| "6565745" \| "6811688" \| "D285290").PN. OR ("5378361" \| "5693223" \| "6436284" \| "6802968" \| "6923908" \| "6932904" \| "6942794"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/18 06:49 |

EAST Search History

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S22	56215	chromatography or chromatographic	EPO; JPO; DERWENT	OR	OFF	2007/04/18 07:03
S23	1921267	column or tube or cylinder	EPO; JPO; DERWENT	OR	OFF	2007/04/18 07:03
S24	439	S22 and S23 and seal	EPO; JPO; DERWENT	OR	OFF	2007/04/18 07:04
S25	225	92/194.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 07:57
S26	58	92/203.ccls.	US-PGPUB; USPAT	OR	OFF	2007/04/18 08:06
S27	3	(piston and scraper and groove and ring and seal).clm.	US-PGPUB	OR	OFF	2007/04/18 08:07
S28	294	(piston and groove and ring and seal).clm.	US-PGPUB	OR	OFF	2007/04/18 08:07
S29	7	(piston and groove and seal and scraper).clm.	US-PGPUB	OR	OFF	2007/04/18 08:07